

FORM PTO-1449	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.108CPDV1	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICANT Yong Hua Zhu, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE <u>Herewith</u>	GROUP <del>3731</del> 3731

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>LS</i>	5,306,259	04/26/94	Fischell, et al	<i>1</i>	<i>1</i>	
<i>LS</i>	5,257,979	11/02/93	Jagpal	<i>1</i>	<i>1</i>	
<i>LS</i>	4,889,112	12/26/89	Schachner, et a.	<i>1</i>	<i>1</i>	
<i>LS</i>	5,536,251	07/16/96	Evard, et al	<i>1</i>	<i>1</i>	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AS	WO 00/07640	02/17/00	PCT			→	
AS	GB 2,318,295	04/22/98	Gleeson, et al			←	

**EXAMINER  
INITIAL**

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

H:\DOCS\GLEN\GLEN-3992.DOC ca/081301

EXAMINER <u>Jackson, Gary</u>	DATE CONSIDERED <u>July 16, 2003</u>
-------------------------------	--------------------------------------

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPRE 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.108CPAVI	APPLICATION NO. <del>10/929,700</del> 09/929,700
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT	
(USE SEVERAL SHEETS IF NECESSARY)		YONG HUA ZHU, ET AL.	
		FILING DATE <del>08/13/01</del> 10/13/01	GROUP 373/ Unknown.

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>JG</i>	5676689	10/14/97	Kensey, et al.			
	5674231	10/7/98	Green, et al			
	5662681	9/2/97	Nash, et al.			
	5649911	7/22/97	Trerotola			
	5645566	7/8/97	Brenneman, et al.			
	5613948	3/25/97	Avellanet			
	5580344	12/3/96	Hasson			
	5577993	11/26/96	Zhu, et al.			
<i>JG</i>	5573517	11/12/96	Bonutti, et al.			
<i>JG</i>	5545178	8/13/96	Kensey, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>JG</i>	WO 97/20505	6/12/97	PCT				
<i>JG</i>	WO 96/24281	8/15/96	PCT				
<i>JG</i>	646350	4/5/95	Europe				
<i>JG</i>	0493810	7/8/92	Novoste Corporation				
<i>JG</i>	92/02738	9/3/92	Germany				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>JG</i>	1	*A Novel Femoral Access Site Closure Device: Duet, Early European Clinical Trials*, Gary Gershony, M.D., Los Angeles Cardiology Associates, Seminar: Coronary Interventions October 16-18, 1997
<i>JG</i>	2	Angio-Seal, Hemostasis Puncture Closure Device Brochure, Sherwood Medical Company, 6/11/97

EXAMINER <i>Jackson, Gary</i>	DATE CONSIDERED <i>July 16, 2003</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.108CPΔV1	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT YONG HUA ZHU, ET AL.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
10	5531759	7/2/96	Kensey, et al.			
1	5509893	4/23/96	Pracas			
	5441504	8/15/95	Pohndorf, et al.			
	5417699	5/23/95	Klein, et al.			
	5411520	5/2/95	Nash, et al.			
	5383896	1/24/95	Gershony, et al.			
	5383881	1/24/95	Green, et al.			
	5360397	11/1/94	Pinchuk			
	5342373	8/30/94	Stefanchik, et al.			
10	5320611	6/14/94	Bonutti, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
10	2142244	1/16/85	United Kingdom				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER <i>Jackson, Gary</i>	DATE CONSIDERED <i>July 16, 2003</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.108CP JV1	APPLICATION NO. Unknown
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT YONG HUA ZHU, ET AL.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MJ</i>	5318542	6/7/94	Hirsch, et al.			
	5306254	4/26/94	Nash, et al.			
	5300065	4/5/94	Anderson			
	5297714	3/29/94	Kramer			
	5292311	3/8/94	Cope			
	5282827	2/1/94	Kensey, et al.			
	5275611	1/4/94	Behl			
	5207229	5/4/93	Winters			
<i>MJ</i>	5205830	4/27/93	Dassa, et al.			
	5176129	1/5/93	Smith			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER <i>Jackson, Gary</i>	DATE CONSIDERED <i>July 16, 2003</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.108CP DV1	APPLICATION NO. <u>UNKNOWN</u> <u>09/1829, 700</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT YONG HUA ZHU, ET AL.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE <u>08/13/01</u> Merewith	GROUP <u>3731</u> <u>UNKNOWN</u>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<u>MD</u>	5176128	1/5/93	Andrese			
	5147381	9/15/92	Heimerl, et al.			
	5139486	8/18/92	Moss			
	5104394	4/14/92	Knoepfler			
	5066285	11/19/91	Hillstead			
	5057083	10/15/91	Gellman			
	5015249	5/14/91	Nakato, et al.			
	5015239	5/14/91	Browne			
	4984564	1/15/91	Yuen			
<u>MD</u>	4961729	10/9/90	Vaillancourt			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER <u>Jackson, Gary</u>	DATE CONSIDERED <u>July 16, 2003</u>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  ATTY. DOCKET NO. LOMAU.108CP DV1	APPLICATION NO.  <i>Unknown</i> <i>08/13/01</i>
	APPLICANT  YONG HUA ZHU, ET AL.	
	FILING DATE <i>08/13/01</i> <i>Hewitt</i>	GROUP  <i>Unknown</i>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MJ</i>	4934364	6/19/90	Green			
	4931058	060590	Cooper			
	4930674	6/5/90	Barak			
	4921479	5/1/90	Grayzel			
	4917087	4/17/90	Walsh, et al.			
	4865593	9/12/89	Ogawa, et al.			
	4772266	9/20/88	Groshong			
	4738658	4/19/88	Magro, et al.			
<i>MJ</i>	4693249	9/15/87	Schenek, et al.			
	4668221	5/26/87	Luther			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER <i>Jackson, Mary</i>	DATE CONSIDERED <i>July 16, 2003</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LOMAU.108CP DV1	APPLICATION NO. <i>09/929,700</i>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT YONG HUA ZHU, ET AL.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE <i>Herewith</i>	GROUP <i>3731</i> <i>TEAKWOOD</i>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>hj</i>	4651733	3/24/87	Mobin-Uddin			
<i>1</i>	4622970	11/18/86	Wozniak			
	4616650	10/14/86	Green, et al.			
	4611595	9/16/86	Klieman, et al.			
	4610671	9/9/86	Luther			
	4593693	6/10/86	Schenck			
	4539990	9/10/85	Stivala			
	4534351	8/13/85	Rothfuss, et al.			
	4530698	7/13/85	Goldstein, et al.			
<i>hj</i>	4523592	6/18/85	Daniel			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER <i>Jackson, Gary</i>	DATE CONSIDERED <i>July 16, 2003</i>
*EXAMINER INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. LOMAU.108CP DV1	APPLICATION NO. 09/929,700 <del>Unknown</del>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT YONG HUA ZHU, ET AL.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE 08/13/01 <del>Herewith</del>	GROUP 3731 <del>Unknown</del>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>hj</i>	4492232	1/8/85	Green			
	4487204	12/11/84	Hrouda			
	4440170	4/3/84	Golden, et al.			
	4351466	9/28/82	Noiles			
	4325376	4/20/82	Klieman, et al.			
	4317445	3/2/82	Robinson			
	4263899	4/28/81	Burgin			
	4166466	9/4/79	Jarvik			
<i>hj</i>	4064881	12/27/77	Meredith			
	3888117	6/10/75	Lewis			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER	DATE CONSIDERED
<i>Jackson, Gary</i>	<i>July 16, 2013</i>

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.108CP DV1	APPLICATION NO. <u>Unknown</u> <u>09/929,700</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT YONG HUA ZHU, ET AL.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE Herewith	GROUP Unknown

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JG	3774438	11/27/73	Weston			
JG	3653388	4/4/72	Tenckhoff			
JG	3518993	7/7/70	Blake			
JG	1064307	6/10/13	Fleming			
JG	* 5,910,155	6/8/99	Ratcliff et al			

## FOREIGN PATENT DOCUMENTS

EXAMINER  
INITIAL

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

INITIAL		RECORDED BY (NAME, TITLE, GRADE, ENVIRONMENT, ETC.)

EXAMINER <u>Jackson, Gary</u>	DATE CONSIDERED <u>July 16, 2003</u>
-------------------------------	--------------------------------------

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.